TS1138US CWS:BAF

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DT09 Rec'd PCT/PTO

1.8 JAN 2005

Barbara Fisher

Date: 18 January 2005

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PCT International Application of)	
DEWITZ, Thomas, Shawn, et al.)	
Int. Appln No.: PCT/US2003/0022294)	
Intl. Filing Date: 19 July 2002)	
SWIRL TUBE SEPARATOR)	18 January 2005
COMMISSIONER FOR PATENTS (DO/EO/US) Alexandria, VA 22313-1450		

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.56 AND 1.97

Dear Sir:

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant foreign documents are enclosed.

The relevance of the foreign language document is provided in the International Search Report of the PCT Application.

The Examiner is requested to fully consider this information and to indicate consideration on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant(s).

Respectfully submitted,

DEWITZ, Thomas, Shawn, et al.

Their Attorney: Charles W. Stewart

Reg. No. 34,023 (713) 241-0360 (713) 241-6617

P.O. Box 2463 One Shell Plaza

Houston, Texas 77252-2463

Enclosures: Form PTO-1449 (Modified)

FORM PTO-1449 (Mod

ΑT

EXAMINER

LIST OF INFORMATION PROVIDED BY APPLICANT

ATTY. DOCKET NO. **TS1138 US**

APPLICATION NUMBER

10/521509

APPLICANT DEWITZ, Thomas, Shawn, et al.

(Use several sheets if necessary)			FILING DATE 18 January 2005					
REFERENCE	DESI	GNATION	U.S.	PATENT DOCUMENTS				
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Da Appropria	
	AA	1753502	4/8/30	William G. Clark			12/24/26	,
	AB	3940331	2/24/76	Edward L. Rastatter	209	211	11/1/74	
	AC	4072481	2/7/78	Claude C. Laval, Jr.	55	177	2/24/77	
	AD	4795561	1/3/89	David J. Aslin	210	512.1	1/23/87	
	AE	3541766	11/24/70	Jospeh G. Wilson	55	348	4/8/66	
	AF	5681450	10/28/97	Girish K. Chitnis, et al	208	113	6/7/95	
	AG	4863500	9/5/89	Rene Rombout, et al	55	348	10/24/8	3
	AH	4810264	3/7/89	Thomas S. Dewitz	48	210	6/8/87	
	ΑI	5538696	7/23/96	Michael F. Raterman, et al	422	147	5/2/94	
	AJ	5690709	10/5/99	Chung Lun Yip	99	510	1/8/99	
	AK	5328592	7/12/94	Brian W. Hedrick	208	113	12/24/9	2
			FOREIG	N PATENT DOCUMENTS				
		Document No.	Date	Country	Class	Subclass	<u>Transla</u> Yes	No
	AL	0052042	5/19/82	EP w/English abstract	B04C	5/085	-	X
	AM	0360360	3/28/90	EP	B04C	5/081		
	AN	1411136	10/22/75	GB	B04C	5/14		
	AO				<u> </u>			
	PO			THOR, TITLE, DATE,	PERTINEN	T PAGES, E	TC.)	
	AR	International Search F	Report dated 2 D	ecember 2003				
	AS	Hydrocarbon Processi	ng, January 198	5, pgs. 51-54				

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the

DATE CONSIDERED

applicant. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.

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LIST OF INFORMATION PROVIDED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. TS1138 US

APPLICATION NUMBER 10/521

APPLICANT

DEWITZ, Thomas, Shawn, et al.

FILING DATE 18 January 2005 GROUP ART UNIT

EFERENCE	DES	GNATION	U.S.	PATENT DOCUMENTS			
xaminer nitial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	5372707	12/13/94	J. Scott Buchanan, et al	208	161	5/28/93
	AB	5514271	5/7/96	John S. Buchanan, et al	203	113	4/28/94
	AC	6174339	1/16/01	Victor A. Varady	55	348	3/16/99
	AD						
	AE						
	AF						
	AG						
	AH						
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	AK						
			FOREIG	N PATENT DOCUMENTS	<u> </u>		1
		Document No.	Date	Country	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO				<u> </u>		
	PO	HER DOCUMENTS (I	NCLUDING AU	THOR, TITLE, DATE,	PERTINEN	T PAGES, E	PC.)
	AR						
	AS						
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	АТ	1					

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applicant.

The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.